

# Product Datasheet

## CDK2 [p Tyr15] Antibody (SN72-04) NBP2-67686

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-67686**

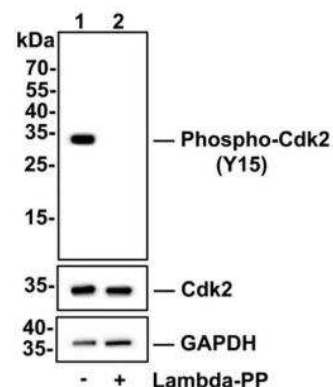
CDK2 [p Tyr15] Antibody (SN72-04)

| Product Information         |   |
|-----------------------------|---|
| Unit Size                   | 100 ul  |
| Concentration               | 1 mg/ml   |
| Storage                     | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.  |
| Clonality                   | Monoclonal  |
| Clone                       | SN72-04   |
| Preservative                | 0.05% Sodium Azide  |
| Isotype                     | IgG   |
| Purity                      | Protein A purified  |
| Buffer                      | TBS (pH7.4), 0.05% BSA, 40% Glycerol  |
| Product Description         |   |
| Description                 | Novus Biologicals Rabbit CDK2 [p Tyr15] Antibody (SN72-04) (NBP2-67686) is a recombinant monoclonal antibody validated for use in IHC, WB and IP. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host                        | Rabbit  |
| Gene ID                     | 1017  |
| Gene Symbol                 | CDK2  |
| Species                     | Human, Mouse, Rat   |
| Immunogen                   | Synthetic phospho-peptide corresponding to residues surrounding Tyr15 of human CDK2. (SwissProt: P24941 Human; SwissProt: P97377 Mouse; SwissProt: Q63699 Rat)  |
| Product Application Details |   |
| Applications                | Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Immunoprecipitation  |
| Recommended Dilutions       | Western Blot 1:1000, Immunohistochemistry, Immunoprecipitation, Immunohistochemistry-Paraffin 1:200-1:1000  |
| Application Notes           | IP: Use at an assay dependent concentration.  |

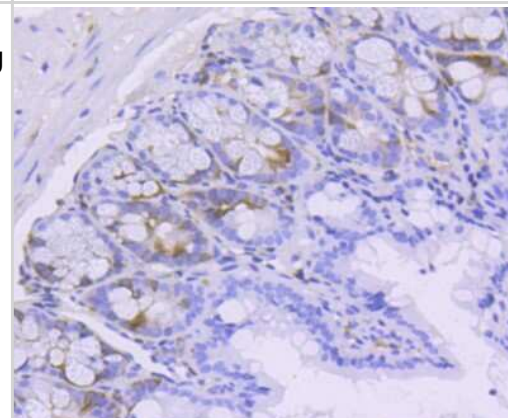


## Images

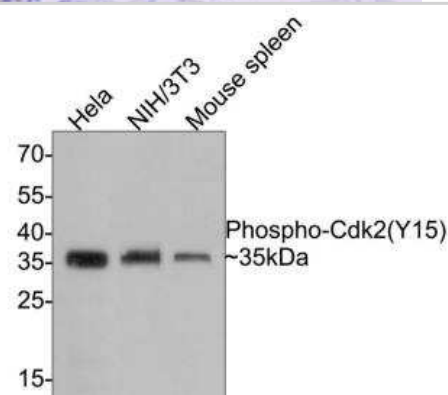
Western Blot: CDK2 [p Tyr15] Antibody (SN72-04) [NBP2-67686] - Lane 1: HeLa cells, whole cell lysate, 10ug/lane Lane 2: HeLa cells treated with 2.8ug/ul lambda-PP for 30 minutes, whole cell lysates, 10ug/lane All lanes : Anti-Phospho-Cdk2(Y15) antibody at 1/500 dilution. Anti-Cdk2 antibody at 1/500 dilution. Anti-GAPDH antibody at 1/10,000 dilution. Goat Anti-Rabbit IgG H&L (HRP) at 1/200,000 dilution. Predicted band size: 34 kDa Observed band size: 34 kDa Blocking and diluting buffer: 5% BSA. Exposure time: 30 seconds



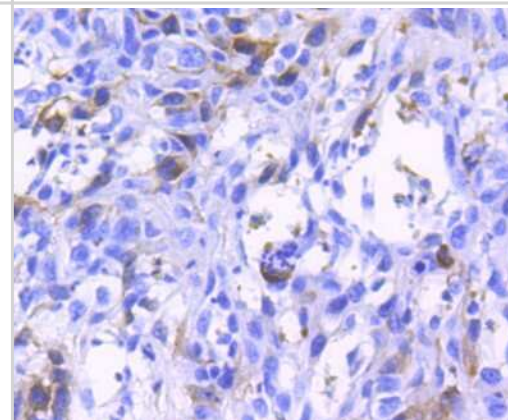
Immunohistochemistry-Paraffin: CDK2 [p Tyr15] Antibody (SN72-04) [NBP2-67686] - Analysis of paraffin-embedded mouse colon tissue using anti-Phospho-Cdk2(Y15) antibody. Counter stained with hematoxylin.



Western Blot: CDK2 [p Tyr15] Antibody (SN72-04) [NBP2-67686] - Lane 1: HeLa cell lysate (10 ug/Lane) Lane 2: NIH/3T3 cell lysate (10 ug/Lane) Lane 3: Mouse spleen tissue lysate (20 ug/Lane) Predicted band size: 34 kDa Observed band size: 35 kDa Exposure time: 1 minute; 12% SDS-PAGE gel. Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (ET1611-52) at 1/1,000 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody (HA1001) at 1:300,000 dilution was used for 1 hour at room temperature.



Immunohistochemistry-Paraffin: CDK2 [p Tyr15] Antibody (SN72-04) [NBP2-67686] - Analysis of paraffin-embedded human breast carcinoma tissue using anti-Phospho-Cdk2(Y15) antibody. Counter stained with hematoxylin.





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

[www.novusbio.com](http://www.novusbio.com)  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP2-67686**

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|                   |   |
|-------------------|---|
| HAF008            | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160            | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891        | Rabbit IgG Isotype Control                          |
| NBP2-51887-0.05mg | Recombinant Human CDK2 His Protein                  |

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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